

92327

L(2-D1).

248

SU-655678

102

BELG= 10.11.77

\*SU -655-678

10.11.77-SU-544521 (08.04.79) C04b-15/08

Mixt. for filling worked-out mines - contg. slaked lime, ground calcined clay, and ore enrichment process waste

Mechanically strong mixt. for filling worked-out under-ground mining cavities contains (in wt. %): slaked lime (I) 5-8, ground clay precalcined at 650-700°C (II) 10-16 and waste of the ore enrichment processes (III) 76-85. Use of the waste (III) reduces the cost of the material and environmental pollution.

A typical mixt, contg. (in wt. %): (I) 8, (II) 16 and (III) 76 gave a concrete developing after 28 and 60 days compressive strength of 7.4 and 12.80 MPa. (2pp124)